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	Complete if Known		
Application Number	7	10/778,316	
Filing Date		02/17/04	
First Named Inventor		Shigekatsu OKADA	

Group Art Unit

Examiner Name

Attorney Docket Number

SN-US045014

- -			U.S. PATENT DOCUMENTS		Class/Subclass	
Examiner Cite No.'	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	- Ragge, Columns, Lines, Where Belevant		
	Number - Kind Code ² (il known)			Persones or Persons Figures Appear		
D (?		US-2588671	03-11-1952	Tringali		
- 		US- 4489307	12-18-1984	Nagano		
		US- 5621382	04-15-1997	Yamamoto		
		US- 6069788	05-30-2000	Masui	· · · · · · · · · · · · · · · · · · ·	
		US- 6305241 B1	10-23-2001	Masui et al.		
		US- 6331089 B1	12-18-2001	Iteya		
\neg	1	US- 6367833 B1	04-09-2002	Horiuchi		
		US- 6584872 81	07-01-2003	Kojima		
		US-				
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Examiner Cite No.1	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰
	Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)	Date MM-DD-YYYY			
	EP 1 201 534 A2	2002	Kojima		
	FR 2 654 698 A1	05-24- 1991	Peralle		
ļ					
		Cite No. Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) EP 1 201 534 A2	Cite No.¹ Country Code³ - Number⁴ - Kind Code⁵ (if known) EP 1 201 534 A2 Date MM-DD-YYYY 05-02- 2002 D3-02- 2002	Cite No.¹ Country Code³ - Number⁴ - Kind Code⁵ (if known) Date MM-DD-YYYY Applicant of Cited Document EP 1 201 534 A2 05-02- Kojima ED 2 654 608 A1 05-24- Recalled	Cite No.¹ Country Code³ - Number⁴ - Kind Code⁵ (if known) Publication Date MM-DD-YYYY Publication Document Passages or Relevant Passages or Relevant Figures Appear EP 1 201 534 A2 05-02- Kojima

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